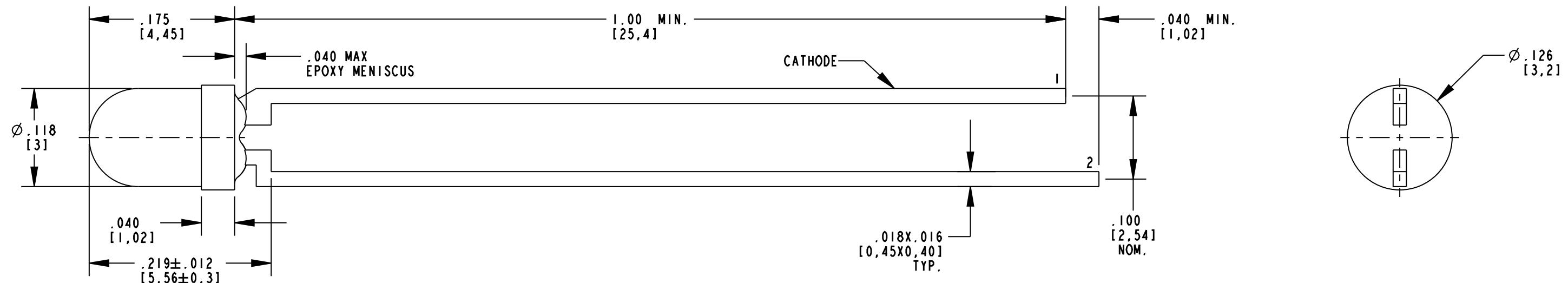


RoHS COMPLIANT 521-9216F

Part Numbers with the "F" suffix ending are RoHS Compliant. Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	AJF	KLJ	NO	2-16-10



NOTES:

1. LED COLOR: HI EFFICIENCY RED.
2. LENS COLOR: RED DIFFUSED.
3. LED LEAD SPACING IS MEASURED NEAR EPOXY PACKAGE.
4. PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
5. DIALIGHT PART NUMBER: 521-9216F.
6. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

OPERATING CHARACTERISTICS AT 25°C AMBIENT				
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS
LUMINOUS INTENSITY	2.5	8.7		mcad
PEAK WAVELENGTH		635		nm
DOMINANT WAVELENGTH	615	625	632	nm
FORWARD VOLTAGE		2.0	2.6	V
REVERSE CURRENT			100	µA
VIEWING ANGLE		60		DEGREES

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT		VALUE	UNITS
POWER DISSIPATION		100	mW
LINEAR DERATING FROM 50°C		0.4	mA/°C
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)		90	mA
CONTINUOUS FORWARD CURRENT		30	mA
REVERSE VOLTAGE		5	V
OPERATING TEMPERATURE	-55 TO +100		°C
STORAGE TEMPERATURE	-55 TO +100		°C
LEAD SOLDERING TEMPERATURE FOR 5 SEC. (.078" [2mm] FROM BODY)	260		°C



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.	DRAWING NUMBER	REV
SCALE: 8.000	C-17825	A
ALL DIM'S IN: INCHES (MM)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64		
DECIMALS (.XX): ±.02		
DECIMALS (.XXX): ±.015		
ANGLES: ±3°		
FINISH:		
Dialight	1501 ROUTE 34 SOUTH	
	FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE: